Chris Pettyjohn

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SUMMARY

Skilled Full Stack Developer with over 7 years of experience in building scalable web applications and microservices using technologies like TypeScript, Node.js, and React. Proven ability to lead teams, deliver cloud-based solutions, and drive business impact, including improving performance and user retention. Strong communicator, experienced in Agile and DevOps practices, with a focus on aligning technical solutions with business goals.

EXPERIENCE

Lead Engineer | Mars

July 2024 - Present

- Led the development and deployment of Node.js-based microservices to support global e-commerce platforms, including MMS.com, ensuring 99.9% uptime and high availability in a multi-cloud environment handling a high volume of transactions.
- Spearheaded the design and optimization of scalable cloud-native solutions for MMS.com, reducing latency by 35% and improving the performance of mission-critical e-commerce applications.
- Integrated APIs and third-party services within the Node.js ecosystem, enhancing platform functionality and improving the customer experience for MMS.com's digital commerce.
- Implemented CI/CD pipelines for Node.js services, reducing deployment times by 25% and accelerating time to market for new features in MMS.com's e-commerce platform.

Senior Engineer | Apple

July 2022 - July 2023

- Architected and developed scalable **microservices** using **Node.js**, **React**, **TypeScript**, and **PostgreSQL**, supporting **thousands of events per second** with low latency and high availability.
- Optimized microservices architecture, reducing system latency by **40%** while ensuring efficient event handling and zero downtime during peak traffic periods.
- Spearheaded backend service improvements, enabling a **20% increase** in concurrent event processing and enhancing overall system throughput.
- Collaborated with cross-functional teams to deliver new features that improved the scalability and performance of distributed microservices, supporting real-time data processing.
- Enhanced code reliability and system resilience through automated testing and rigorous code reviews, reducing bugs by **30%** in mission-critical event-driven microservices.

Senior Engineer | Nike

July 2021 - July 2022

- Developed scalable microservices and RESTful APIs using Node.js and Java for warehouse management platforms.
- Optimized NoSQL databases such as DynamoDB for real-time data processing in high-volume operations.
- Implemented CI pipelines, improving code quality and reducing deployment times.
- Collaborated with teams to deliver secure and high-performing logistics services.
- - Optimized database performance by 30% through advanced MySQL query tuning and index management, enhancing data retrieval times over a 12-month period using performance monitoring tools.

Software Engineer | Drive Social Media

December 2019 - July 2021

- Led a team of 5 engineers to build three applications from scratch: a marketing dashboard, an AI-powered content creation app, and a corporate-wide admin panel using React and Node.js.
- Collaborated with the CEO and CTO to define goals and deliver high-impact features, contributing to 1,000 new clients.
- Achieved 800% speed improvements and 240% user retention through scalable, high-performance architectures.
- Built cloud-based solutions using Node.js, React, AWS, and implemented CI/CD pipelines with Jenkins and GitLab CI/CD.

Software Engineer | Impending Success LLC

July 2015 - November 2019

- Developed custom web applications using Angular, React, Node.js, and Laravel, increasing client web traffic by 150%.
- Built e-commerce platforms, boosting sales conversions by 40%.
- Created mobile-friendly applications, raising mobile user adoption by 60%.

EDUCATION

Bachelors of Information Technology | Western Governors University

2020

SKILLS

TypeScript, JavaScript, Node.js, React, AngularJS, AWS EC2, AWS Lambda, AWS S3, AWS DynamoDB, Docker, Kubernetes, RESTful APIs, CI/CD (Jenkins, GitLab CI), Microservices, SQL, Redis, Agile, DevOps